Exercise Week8

1. Guess a number
   - i. Randomly generate a number between 1 and 100 (inclusive)
   - ii. Allow users to input and guess a number.
   - iii. If the answer is wrong, please provide a hint and keep prompting users to input.
   - iv. Users can input -1 to leave the program.
   - v. Congratulate users if the answer is correct.

```
1 %%shell
2
3 g++ Week8Solution.cpp -o Week8Solution
4 ./Week8Solution
```

```
Input a numebr between 1 and 100 (inclusive) (Or input -1 to leave):50
You got it, the answer is 50
```

```
1 %%shell
2
3 g++ Week8Solution.cpp -o Week8Solution
4 ./Week8Solution
```

```
Input a numebr between 1 and 100 (inclusive) (Or input -1 to leave):89
Higher
Input a numebr between 1 and 100 (inclusive) (Or input -1 to leave):-1
Bye!
```

```
1 %%shell
2
3 g++ Week8Solution.cpp -o Week8Solution
4 ./Week8Solution
```

```
Input a numebr between 1 and 100 (inclusive) (Or input -1 to leave):50
Higher
Input a numebr between 1 and 100 (inclusive) (Or input -1 to leave):75
Lower
Input a numebr between 1 and 100 (inclusive) (Or input -1 to leave):68
Higher
Input a numebr between 1 and 100 (inclusive) (Or input -1 to leave):73
Lower
Input a numebr between 1 and 100 (inclusive) (Or input -1 to leave):70
Lower
Input a numebr between 1 and 100 (inclusive) (Or input -1 to leave):69
You got it, the answer is 69
```

Please name your .ipynb file as YourID_Week8.ipynb and upload it to moodle system.
(ex. H3700001_Week8.ipynb)